

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTACKH1617

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS	4	OCT 30	CHEMLIST enhanced with new search and display field
NEWS	5	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS	6	NOV 10	CA/Caplus F-Term thesaurus enhanced
NEWS	7	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS	8	NOV 20	CA/Caplus to MARPAT accession number crossover limit increased to 50,000
NEWS	9	DEC 01	CAS REGISTRY updated with new ambiguity codes
NEWS	10	DEC 11	CAS REGISTRY chemical nomenclature enhanced
NEWS	11	DEC 14	WPIDS/WPINDEX/WPIX manual codes updated
NEWS	12	DEC 14	GBFULL and FRFULL enhanced with IPC 8 features and functionality
NEWS	13	DEC 18	CA/Caplus pre-1967 chemical substance index entries enhanced with preparation role
NEWS	14	DEC 18	CA/Caplus patent kind codes updated
NEWS	15	DEC 18	MARPAT to CA/Caplus accession number crossover limit increased to 50,000
NEWS	16	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS	17	DEC 27	CA/Caplus enhanced with more pre-1907 records
NEWS	18	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS	19	JAN 16	CA/Caplus Company Name Thesaurus enhanced and reloaded
NEWS	20	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS	21	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS	22	JAN 22	CA/Caplus updated with revised CAS roles
NEWS	23	JAN 22	CA/Caplus enhanced with patent applications from India
NEWS	24	JAN 29	PHAR reloaded with new search and display fields
NEWS	25	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS	26	FEB 13	CASREACT coverage to be extended
NEWS	27	Feb 15	PATDPASPC enhanced with Drug Approval numbers
NEWS	28	Feb 15	RUSSIAPAT enhanced with pre-1994 records
NEWS	29	Feb 23	KOREAPAT enhanced with IPC 8 features and functionality
NEWS	30	Feb 26	MEDLINE reloaded with enhancements
NEWS	31	Feb 26	EMBASE enhanced with Clinical Trial Number field
NEWS	32	Feb 26	TOXCENTER enhanced with reloaded MEDLINE
NEWS	33	Feb 26	IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS	34	Feb 26	CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items

NEWS IPC8      For general information regarding STN implementation of IPC 8  
NEWS X25      X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 08:51:26 ON 28 FEB 2007

=> file caplus biosis embase scisearch medline  
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.42	0.42

FILE 'CAPLUS' ENTERED AT 08:52:32 ON 28 FEB 2007  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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FILE 'BIOSIS' ENTERED AT 08:52:32 ON 28 FEB 2007  
Copyright (c) 2007 The Thomson Corporation

FILE 'EMBASE' ENTERED AT 08:52:32 ON 28 FEB 2007  
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FILE 'SCISEARCH' ENTERED AT 08:52:32 ON 28 FEB 2007  
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FILE 'MEDLINE' ENTERED AT 08:52:32 ON 28 FEB 2007

=> s (docosaehxaenoic with acid) or DHA  
L1      36220 (DOCOSAHEXAENOIC WITH ACID) OR DHA

=> s (linoleic with acid) or (linolenic with acid)  
L2      69593 (LINOLEIC WITH ACID) OR (LINOLENIC WITH ACID)

=> s (linoleic with acid) and (alpha with linolenic with acid)  
L3      3137 (LINOLEIC WITH ACID) AND (ALPHA WITH LINOLENIC WITH ACID)

=> s L1 and L3  
L4      1058 L1 AND L3

=> s L4 and ((brain with function) or (visual with identification) or (recognition with faculty) or (learning) or (memory))  
L5      26 L4 AND ((BRAIN WITH FUNCTION) OR (VISUAL WITH IDENTIFICATION) OR (RECOGNITION WITH FACULTY) OR (LEARNING) OR (MEMORY))

=> duplicate remove L5  
DUPLICATE PREFERENCE IS 'CAPLUS, BIOSIS'  
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
PROCESSING COMPLETED FOR L5  
L6      23 DUPLICATE REMOVE L5 (3 DUPLICATES REMOVED)  
         ANSWERS '1-16' FROM FILE CAPLUS  
         ANSWERS '17-23' FROM FILE BIOSIS

=> d ibib abs 1-23

L6      ANSWER 1 OF 23    CAPLUS    COPYRIGHT 2007 ACS on STN DUPLICATE 1

SOURCE: ST-DENIS, 75475 PARIS CEDEX 10, FRANCE  
Journal of Nutrition, (1989) Vol. 119, No. 12, pp.  
1880-1892.

CODEN: JONUAI. ISSN: 0022-3166.

DOCUMENT TYPE: Article

FILE SEGMENT: BA

LANGUAGE: ENGLISH

ENTRY DATE: Entered STN: 24 Apr 1990

Last Updated on STN: 25 Apr 1990

AB Feeding rats diets containing oils that have a low  $\alpha$  - linolenic acid [18:3(n-3)] content, such as sunflower oil, results in reduced amounts of docosahexaenoic acid [22:6(n-3)] and increased amounts of docosapentaenoic acid [22:5(n-6)] in all brain cells and organelles compared to rats fed a diet containing soybean oil or rapeseed oil. During the period of cerebral development there is a linear relationship between the n-3 fatty acid content of the brain and that of food until  $\alpha$  -linolenic acid represents .apprx. 200 mg/100 g food [0.4% of the total dietary energy for 18:3(n-3)]. Beyond that point brain levels reach a plateau. Similar values are also found for other organs. The level of 22:6(n-3) in membranes is little affected by the dietary quantity of linoleic acid [18:2(n-6)] if 18:3(n-3) represents .apprx. 0.4% of energy. In membranes from rats fed diets containing sunflower oil, Na<sup>+</sup>, K<sup>+</sup>-ATPase activity in nerve terminals was 60%, 5'-nucleotidase in whole brain homogenate was 80%, and 2',3'-cyclic nucleotide 3'-phosphodiesterase was 88% of that in membranes from rats fed diets containing soybean oil. A diet low in  $\alpha$  - linolenic acid leads to anomalies in the electroretinogram, which partially disappear with age. It has little effect on motor activity, but it seriously affects learning tasks as measured with the shuttle box test. Rats fed a diet low in  $\alpha$  -linolenic acid showed an earlier mortality in response to an intraperitoneal injection of a neurotoxin, triethyltin, than did rats fed a normal soybean oil diet.

=> d his

(FILE 'HOME' ENTERED AT 08:51:26 ON 28 FEB 2007)

FILE 'CAPLUS, BIOSIS, EMBASE, SCISEARCH, MEDLINE' ENTERED AT 08:52:32 ON 28 FEB 2007

L1 36220 S (DOCOSAHEXAENOIC WITH ACID) OR DHA  
L2 69593 S (LINOLEIC WITH ACID) OR (LINOLENIC WITH ACID)  
L3 3137 S (LINOLEIC WITH ACID) AND (ALPHA WITH LINOLENIC WITH ACID)  
L4 1058 S L1 AND L3  
L5 26 S L4 AND ((BRAIN WITH FUNCTION) OR (VISUAL WITH IDENTIFICATION  
L6 23 DUPLICATE REMOVE L5 (3 DUPLICATES REMOVED)

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

111.12

111.54